



1998 Toxics Release Inventory

WYOMING

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	9,412,637	12,174,782	21,587,419
Air Emissions	1,708,858	2,270,618	3,979,476
Surface Water Discharges	6,325	12,647	18,972
Underground Injection Class I Wells	7,656,300	0	7,656,300
Underground Injection Class II-V Wells	505	0	505
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	40,649	9,891,517	9,932,166
Off-site Releases (Transfers Off-site to Disposal)*	25,026	1,169,392	1,194,418
Total On- and Off-site Releases	9,437,663	13,344,174	22,781,837
Recycled On-site	1,548,983	0	1,548,983
Recycled Off-site	105,056	307,000	412,056
Energy Recovery On-site	45,655	0	45,655
Energy Recovery Off-site	10,664	0	10,664
Treated On-site	2,976,520	1,560,100	4,536,620
Treated Off-site**	178	0	178
Quantity Released On- and Off-site***	9,412,762	13,758,563	23,171,325
Total Production-related Waste Managed	14,099,818	15,625,663	29,725,481
Total Non-production-related Waste Managed	19,417	0	19,417

Transfers Off-site for Further Waste Management/Disposal

Recycling	105,056	307,000	412,056
Energy Recovery	9,920	0	9,920
Treatment	432	0	432
Publicly Owned Treatment Works (POTWs)	275	0	275
Metals and Metal Compounds*	20	0	20
Non-metal TRI Chemicals**	255	0	255
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	25,007	1,169,392	1,194,399
Total Transfers Off-site for Further Waste Management/Disposal	140,690	1,476,392	1,617,082

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

****Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

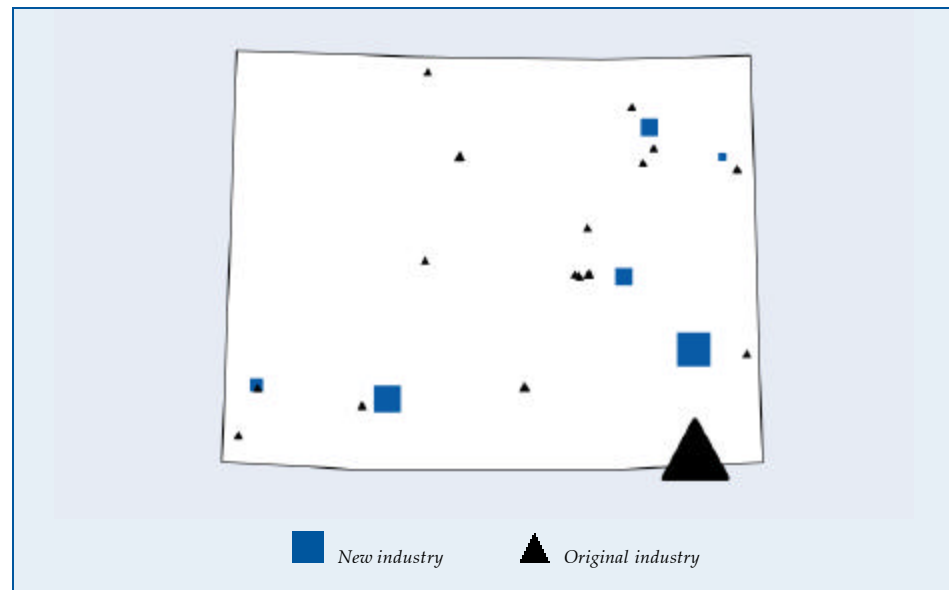
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To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

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The largest marker in the state map represents the largest facility for on-site releases in the state of Wyoming. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	480,907
Square Miles	97,105
Total Facilities	35
Total Forms	222
Form As	19

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	38	34	40
Pounds	9,437,663	13,344,174	22,781,837
National Rank for Total On-site Releases**			
Rank	36	34	40
Pounds	9,412,637	12,174,782	21,587,419
National Rank for Total Releases within State***			
Rank	38	35	40
Pounds	9,418,450	13,346,133	22,764,583
National Rank for Production-related Waste Managed			
Rank	47	39	49
Pounds	14,099,818	15,625,663	29,725,481

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Nitrate compounds	0	322	7,300,000	250	0	7,300,572	0	0	0
7664-41-7	Ammonia	583,762	4,933	306,000	6,855	0	901,550	0	0	0
110-54-3	n-Hexane	167,798	10	0	6,460	2,318	176,586	0	5	2,313
71-36-3	n-Butyl alcohol	146,371	0	0	0	0	146,371	0	0	0
—	Glycol ethers	133,883	0	0	0	0	133,883	0	0	0
108-88-3	Toluene	95,611	260	0	10,291	5,302	111,464	0	5	5,297
7664-93-9	Sulfuric acid	108,597	0	0	0	0	108,597	0	0	0
1330-20-7	Xylene (mixed isomers)	92,533	260	250	9,695	5,659	108,397	0	0	5,659
115-07-1	Propylene	75,923	0	0	0	0	75,923	0	0	0
74-85-1	Ethylene	61,085	0	0	0	0	61,085	0	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Barium compounds	32,541	7,232	0	6,551,900	936,064	7,527,737	970	936,064	0
—	Manganese compounds	11,689	4,367	0	1,481,672	62,359	1,560,087	0	62,359	0
7664-39-3	Hydrogen fluoride	1,086,905	5	0	100,000	0	1,186,910	0	0	0
7647-01-0	Hydrochloric acid	737,200	0	0	0	0	737,200	0	0	0
—	Copper compounds	2,448	323	0	520,587	56,317	579,675	0	56,317	0
7664-93-9	Sulfuric acid	353,000	0	0	0	0	353,000	0	0	0
—	Zinc compounds	7,053	282	0	265,474	61,356	334,165	0	61,356	0
—	Chromium compounds	4,240	179	0	215,336	27,145	246,900	0	27,145	0
—	Lead compounds	4,996	59	0	165,550	0	170,605	0	0	0
—	Nickel compounds	3,951	9	0	110,150	26,151	140,261	0	26,151	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Coastal Chem Inc., Cheyenne, Laramie	378,150	0	7,656,300	0	0	240	8,034,690	0	0
Sinclair Oil Corp., Sinclair, Carbon	278,021	0	0	0	0	29,264	307,285	0	0
Crown Cork & Seal Co. Inc., Worland, Washakie	280,254	0	0	0	0	0	280,254	143	0
Little America Refining Co., Casper, Natrona	170,038	0	0	0	0	0	170,038	5,625	18,855
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	146,621	0	0	0	0	0	146,621	0	0
Wyoming Refining Co., Newcastle, Weston	92,923	70	0	0	0	1,540	94,533	30	0
Holly Sugar Corp., Worland, Washakie	89,600	0	0	0	0	3,700	93,300	0	0
Frontier Refining Inc., Cheyenne, Laramie	79,340	326	0	0	0	0	79,666	0	0
Holly Sugar Corp., Torrington Factory, Torrington, Goshen	70,700	0	0	0	0	2,920	73,620	0	0
FMC Corp., Kemmerer Plant, Kemmerer, Lincoln	66,440	0	0	0	0	0	66,440	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Laramie River Station, Wheatland, Platte	1,428,098	0	0	0	0	2,925,740	4,353,838	0	0
Jim Bridger Power Plant/ Bridger Coal Co., Point of Rocks, Sweetwater	272,838	0	0	0	0	2,990,277	3,263,115	0	0
Neil Simpson Complex, Gillette, Campbell	17,129	10	0	0	0	1,682,000	1,699,139	0	0
Pacificorp — Dave Johnston Plant, Glenrock, Converse	242,434	10,646	0	0	0	1,436,000	1,689,080	0	0
Pacificorp, Naughton Power Plant, Kemmerer, Lincoln	238,964	1,500	0	0	0	696,000	936,464	0	0
BHPL — Osage Power Plant, Osage, Weston	26,724	398	0	0	0	161,500	188,622	0	0
Wyodak Plant, Gillette, Campbell	44,431	93	0	0	0	0	44,524	1,169,392	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Coastal Chem Inc., Cheyenne, Laramie	0	36,000	0	0	0	0	8,035,199	8,071,199	0
Sinclair Oil Corp., Sinclair, Carbon	157,949	0	22,151	0	506,994	0	307,348	994,442	19,416
Crown Cork & Seal Co. Inc., Worland, Washakie	0	0	0	0	68,000	7	280,140	348,147	0
Little America Refining Co., Casper, Natrona	1,205,031	0	0	0	0	0	172,446	1,377,477	0
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	0	0	0	0	0	0	146,621	146,621	0
Holly Sugar Corp., Worland, Washakie	0	0	0	0	0	0	93,300	93,300	0
Frontier Refining Inc., Cheyenne, Laramie	3,699	0	0	2,994	482,491	0	79,666	568,850	0
Wyoming Refining Co., Newcastle, Weston	2,290	0	0	0	74,516	1	77,154	153,961	0
Holly Sugar Corp., Torrington Factory, Torrington, Goshen	0	0	0	0	0	0	73,620	73,620	0
FMC Corp., Kemmerer Plant, Kemmerer, Lincoln	0	0	20,610	0	1,830,000	0	67,130	1,917,740	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Laramie River Station, Wheatland, Platte	0	0	0	0	0	0	4,372,000	4,372,000	0
Jim Bridger Power Plant/ Bridger Coal Co., Point of Rocks, Sweetwater	0	307,000	0	0	648,000	0	3,551,000	4,506,000	0
Neil Simpson Complex, Gillette, Campbell	0	0	0	0	121,000	0	1,801,563	1,922,563	0
Pacificorp — Dave Johnston Plant, Glenrock, Converse	0	0	0	0	144,000	0	1,688,000	1,832,000	0
Wyodak Plant, Gillette, Campbell	0	0	0	0	168,000	0	1,218,000	1,386,000	0
Pacificorp, Naughton Power Plant, Kemmerer, Lincoln	0	0	0	0	435,000	0	930,000	1,365,000	0
BHPL — Osage Power Plant, Osage, Weston	0	0	0	0	44,100	0	198,000	242,100	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.